

**EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE**

**I. EXAMINER'S AMENDMENT:**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Brian R. Coleman (Reg. No. 39145) on 10/21/2008.

**The application has been amended as follows:**

**In the Claims:**

**This listing of claims will replace all prior versions, and listings, of claims in the application:**

1. -21. (Cancelled)

22. (Currently Amended) A method, using a computer system, for generating a response to an unedited replica of an original document sent by a managing author to a contributing author for review, comprising:

receiving said unedited replica at a client associated with said contributing author;

forming a first revised replica by editing said unedited replica;

partitioning said unedited replica into a first plurality of segments, wherein a segment of said first plurality of segments is delimited by a delimiter;

sorting segments of said first plurality of segments into a binary tree based on a comparison operator;

partitioning said first revised replica into a second plurality of segments;

~~for a segment of said second plurality of segments,~~ finding a best match for a segment of said second plurality of segments in said binary tree to form a block of at least one matching byte;

~~creating a difference file comprising said block, wherein said difference file is created locally at said client; and~~

creating a difference file, said difference file comprising: a plurality of copy packets and a plurality of difference packets, wherein said copy packets indicating

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position and length of said matched block, and said difference packets consisting of stream of bytes flanked by said copy packets;

storing said difference file in memory at said client to be transmitted to the managing author;

transmitting said difference file to a server associated with said managing author;

reconstructing the first revised replica by finding in the original document said matched block using the memory position and length as indicated in the copy packets;  
and

forming a second revised replica identical to the first revised replica by copying said matched block into the second revised replica and inserting the difference packets into the second revised replica.

23. (Previously Presented) The method of claim 22 further comprising extending said block by matching bytes on both sides of said block.

24. (Cancelled)

25. (Previously Presented) The method of claim 22 wherein said best match comprises an exact match.

26. (Previously Presented) The method of claim 22 wherein said best match comprises a partial match.

27. - 68. (Cancelled)

69. (Currently Amended) A system for generating a response to an unedited replica of an original document sent by a managing author to a contributing author for review, comprising:

a processor;

a memory coupled to the processor;

means for receiving said unedited replica at a client associated with said contributing author;

means for forming a first revised replica by editing said unedited replica;

means for partitioning said unedited replica into a first plurality of segments,

wherein a segment of said first plurality of segments is delimited by a delimiter;

means for sorting segments of said first plurality of segments into a binary tree based on a comparison operator;

means for partitioning said first revised replica into a second plurality of segments;

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~~for a segment of said second plurality of segments,~~ finding a best match for a segment of said second plurality of segments in said binary tree to form a block of at least one matching byte;

~~means for creating a difference file comprising said block, wherein said difference file is created locally at said client; and~~

means for creating a difference file, said difference file comprising: a plurality of copy packets and a plurality of difference packets, wherein said copy packets indicating position and length of said matched block, and said difference packets consisting of stream of bytes flanked by said copy packets;

means for storing said difference file in memory at said client to be transmitted to the managing author;

means for transmitting said difference file to a server associated with said managing author;

means for reconstructing the first revised replica by finding in the original document said matched block using the memory position and length as indicated in the copy packets; and

means for forming a second revised replica identical to the first revised replica by copying said matched block into the second revised replica and inserting the difference packets into the second revised replica.

70. (Previously Presented) The system of claim 69 further comprising a means for extending said block by matching bytes on both sides of said block.

## II. REASONS FOR ALLOWANCE:

Claims 22, 23, 25, 26, 69 and 70 are allowed.

The following is an examiner's statement of reasons for allowance:

Interpreting the claims in light of the specification, Examiner finds the claimed invention is patentably distinct from the prior art of record, as argued by Applicant in the Response dated 07/16/2008.

The prior art fails to disclose or suggest *"creating a difference file, said difference file comprising: a plurality of copy packets and a plurality of difference packets, wherein said copy packets indicating position and length of said matched block, and said difference packets consisting of stream of bytes flanked by said copy packets; reconstructing the first revised replica by finding in the original document said matched block using the memory position and length as indicated in the copy packets; and forming a second revised replica identical to the first revised replica by copying said*

*matched block into the second revised replica and inserting the difference packets into the second revised replica.”*

The Examiner asserts that the claims overcome the prior art of record when the limitations are read in combination with the respective claimed limitations in their entirety.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

### **Contact information**

- III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (571) 272- 4093. The examiner can normally be reached on Monday - Friday from 9:00am – 30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Examiner, Art Unit 2176

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